

## CLAIMS

What is claimed is:

1. A method of improving performance of a computer system, comprising:
  - (a) specifying a threshold;
  - (b) evicting, from a cache memory, at least one modified entry, when the number of modified entries in the cache memory exceeds the threshold;
  - (c) measuring at least one performance parameter;
  - (d) changing the value of the time period;
  - (e) repeating steps (b) and (c); and
  - (f) determining whether the performance parameter has changed.
2. The method of claim 1, step (c) further comprising:  
measuring the rate of cache-to-cache transfers.
3. The method of claim 1, step (c) further comprising:  
measuring how many evicted entries are accessed during a predetermined time span.
4. The method of claim 1, step (b) further comprising:  
evicting, from a cache memory, at least one modified entry that was received in a cache-to-cache transfer, when the number of modified entries in the cache memory that were received in a cache-to-cache transfer exceeds the threshold

5. The method of claim 1, further comprising:  
repeating steps (a) through (f) until the performance parameter is optimized.
6. The method of claim 1, further comprising:  
repeating steps (a) through (f) until the performance parameter changes.

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